

CIVIL TECH LABS

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Construction of drain and Concrete roads in Sanitary Core in Ward No. 04.
Name of Agency	Sri. Ravikumar K.
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm ²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm ²)	Avg Compressive Strength (N/mm ²)
1	CC-Work (Slab)	24/01/2015	21/02/2015	28	8.18	354	15.73	15.82
2					8.20	356	15.82	
3					8.19	358	15.91	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

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TEST REPORT

TESTS ON REINFORCEMENT STEEL BARS 8mm

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Construction of drain and Concrete roads in Sanitary Core in Ward No. 04.
Name of the Agency	Sri. Ravikumar K.
Date of Testing	19/01/2015

Sl.No.	Description	Result	IS 1786-2008 Min. Requirements	Remarks
1	Measured Diameter mm	8	8	Satisfactory
2	Wt/m Length (Kg/m)	0.396	0.395	Satisfactory
3	Bend & Rebend Test	Pass	Should not Crack or Fracture	Satisfactory
4	Elongation (%)	14.9	14.5	Satisfactory
5	Yield Stress(N/mm ²)	416	415	Satisfactory
6	U T S (N/mm ²)	520	485	Satisfactory

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